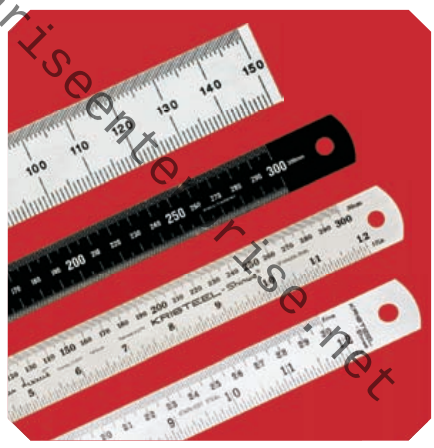
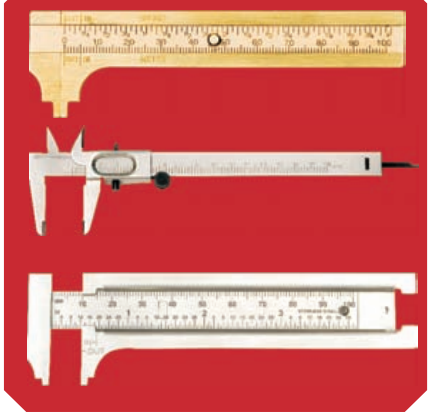
KRISTEEL - Shinwa®





www.sunriseenterprise.net

TÜV SÜD ISO 9001:2000

Decades of Engineering Excellence

AN ISO 9001 : 2008 COMPANY

KRISTEEL - Shinwa®

WORKS

CORPORATE OFFICE

www.sunrise-enterprise.net

COMPANY PROFILE

Kristeel–Shinwa Industries Ltd., a member of the KRISLON GROUP OF COMPANIES, was established in 1973. It was set up in technical collaboration with Shinwa Rules Company Limited, Japan, the largest manufacturer of stainless steel rules and measuring instruments in Asia.

KRISTEEL–SHINWA has the largest share of the Indian market and is the most preferred choice in the International market for Stainless Steel Precision Rules & Gauges. KRISTEEL has its headquarters in Mumbai & its state of the art manufacturing set-up is located at Silvassa. The factory is laid out to the collaborators exacting standards, with plant & equipments, imported from USA, Italy and Germany. Ongoing R & D, stringent quality control, inspection and constant up-gradation of plant and machinery makes KRISTEEL products the most preferred brand in Indian industry today.

Also mention worthy is the certification we have received for our precision measuring rules by the European Economic Community (EEC) for accuracy as per Class–I and II standards. We are also certified as ISO 9001–2008 company by TUV, Suddeutschland Group, Germany and are now working towards following 6 Sigma Management practices.

Kristeel has been adhering to stringent international norms for each of its manufacturing processes. Kristeel aims towards '0' defect manufacturing through its Total Quality Management methods and attention to detail. Also, a strict Statistical Process Control System in each stage of the manufacturing process is followed. This ensures that there is no compromise in quality.
However, the point we are about to make here is not about what recognition we have received, but about where do we go from here.

….“In the pursuit of excellence, there is no finishing line”. This is a philosophy that permeates through every single member of the **Kristeel–Shinwa** family. Which is why, we have always tried to surpass our own achievements. Take for instance, our zero defect manufacturing, the class 10,000 clean room, TQM practices, ISO 9001–2008 certification, EEC–norm certification from **Ministry of Belgium, Metrology Department.**

Now, we are working with renewed vision, die–hard determination, incessant inspiration to do better than before, offering the customer unmatched precision, accuracy and reliability. We, at **Kristeel** have always believed about investing in latest technology by importing and updating our production capabilities with the latest machinery. We have just installed at our facility a state of the art Laser Etching machine from Germany. We can now deliver parts to our customers within 24 hours on receipt of their orders.

STAINLESS STEEL RULERS

MODEL 301

METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm.

Bottom edge 1/16ths, 1/32nds, 1/64ths.

REVERSE SIDE: Conversion Table

inches to mm

Model No.	Length	Width	Thickness
301 A 5	150mm/6 in	15 mm	0.5 mm
301 C 5	300mm/12 in	25 mm	0.5 mm
301 C 8	300mm/12 in	25 mm	0.8 mm
301 C 10	300mm/12 in	25 mm	1.0 mm
301 E 10	600mm/24 in	30 mm	1.0 mm
301 E 12	600mm/24 in	30 mm	1.2 mm

MODEL 401

www.sunriseenterprise.net

METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm.
Bottom edge 1/16ths, 1/32nds,1/64ths.
REVERSE SIDE: Conversion Table inches to mm

Model No.	Length	Width	Thickness
401 A 5	150 mm/6 in	15mm	0.5 mm
401 C 5	300 mm/12in	25mm	0.5 mm
401 C 8	300 mm/12in	25mm	0.8 mm
401 C 10	300 mm/12in	25mm	1.0 mm
401 E 10	600 mm/24in	30mm	1.0 mm
401 E 12	600 mm/24in	30mm	1.2 mm
401 F 12	1000 mm/36in	35mm	1.2 mm
401 F 15	1000 mm/36in	35mm	1.5 mm
401 G 15	1200 mm/48in	35mm	1.5 mm
401 J 20	2000 mm/79in	35mm	2.0 mm
401 K 20	3000 mm/118in	35mm	2.0 mm

MODEL 503

ENGLISH ONLY

FRONT SIDE: Top edge 1/10ths, 1/20ths, 1/50ths.
Bottom edge 1/16ths, 1/32nds, 1/64ths.
REVERSE SIDE: Decimal Equivalents.

Model No.	Length	Width	Thickness
503 A 5	6 in	15 mm	0.5 mm
503 C 8	12 in	25 mm	0.8 mm
503 C 10	12 in	25 mm	1.0 mm

MODEL 701

NARROW FLEXIBLE RULES

METRIC ONLY
FRONT SIDE: Top edge 1/2 mm,
Bottom edge mm.

Model No.	Length	Width	Thickness
701 A 5	150 mm	13 mm	0.5 mm
701 B 5	300 mm	15 mm	0.5 mm
701 C 5	500 mm	15 mm	0.5 mm

MEASURING INSTRUMENTS

MODEL 801

METRIC AND ENGLISH

FRONT SIDE: Top edge mm, Bottom edge 1/2 mm.
REVERSE SIDE: Top edge 1/10ths, 1/20ths, 1/50ths.
Bottom edge 1/16ths, 1/32nds, 1/64ths

Model No.	Length	Width	Thickness
801 A 5	150 mm/6 in	15 mm	0.5 mm
801 C 8	300 mm/12 in	25 mm	0.8 mm
801 C 10	300 mm/12 in	25 mm	1.0 mm

MODEL 901

SQUARE ENDED/METRIC OR ENGLISH*

METRIC: Top edge 1/2 mm, Bottom edge mm;
ENGLISH: Top edge 1/10ths, 1/20ths, 1/50ths
Bottom edge 1/16ths, 1/32nds, 1/64ths,
* Please specify when ordering.

Model No.	Length	Width	Thickness
901 A 5	150 mm/6 in	15 mm	0.5 mm
901 A 10	150 mm/6 in	15 mm	1.0 mm
901 C 8	300 mm/12 in	25 mm	0.8 mm
901 C 10	300 mm/12 in	25 mm	1.0 mm

www.sunriseenterprise.net

MODEL 1202

POCKET CLIP RULE - DEPTH GAUGE COMBINATION METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm,
Bottom edge Inches.

Model No.	Length	Width	Thickness
1202	150mm / 6 in	6 mm	0.5 mm

MODEL 1302

POCKET CLIP RULE-COMBINATION DEPTH GAUGE METRIC AND ENGLISH

FRONT SIDE: Top edge 1/2 mm, mm,
Bottom edge 1/16ths, 1/32nds, 1/64ths,
REVERSE SIDE: Conversion Table inches to mm.

Model No.	Length	Width	Thickness
1302	150mm / 6 in	12 mm	0.5 mm

NOTE : The rules can also be supplied in either dull or polished finish as per customers/clients specification.

MODEL CFR

CENTRE FINDING RULE

Model	Length
CFR 6	150 mm
CFR 12	300 mm
CFR 24	600 mm
CFR 36	1000 mm

Centre finding rule is a very unique ruler and it helps in finding the centre of any linear measurement. Available in 6", 12", 24" & 36" lengths, The rules have dual scale - normal graduations on the top edge & half- scale graduations on the opposite edge. To find the centre, just find the identical measurement from the top scale on the lower scale

MODEL NSR-6, NSR -12, NSR-18, NSR - 24

NON-SKID RULE

Made in 0.5 mm thick stainless steel with cork backing for antiskid. A very handy tool for draftsmen and artist.
Available in sizes : 6", 12"18" & 24"

Model	Length
NSR 6	150 mm
NSR 12	300 mm
NSR 24	600 mm
NSR 36	1000 mm

www.sunriseenterprise.net

MODEL HR-6, HR-12

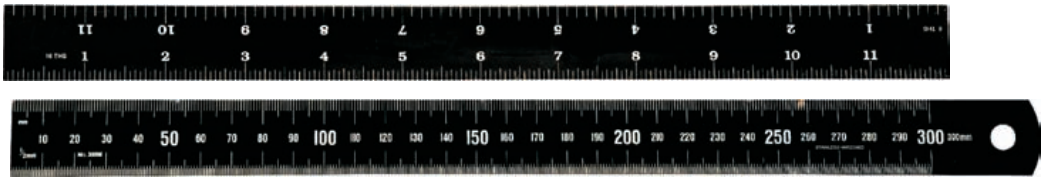
HOOK RULE

A easy tool for carpenter provided with a hook for ease of operation on work peice. This scale known as 4R rules, each of this has four different scales. One face has 1/8" & 1/16" division, the other 1/32" & 1/64" divisions. The scale have adjustable hooks, meaning that you can slide the hook fully to one side so that it clears the opposite edge. Available in sizes 150 mm & 300 mm

Model	Length
HR 6	150 mm
HR 12	300 mm

MODEL BCR

BLACK CHROME RULE/ EASY LOOK RULE



Kristeel has developed an easy look rule with hard black chrome finish. The white graduation on the black background make this rule very user friendly. Especially when required for fine and continuous measurement. The reliability & accuracy remains as per EEC standards.

CONTRACTION (SHRINKAGE) RULES

MODEL NO.	LENGTH & CONTRACTION
501 D	500 mm - 3 - Contraction 1 %,1.5%,2%
501 F	1000 mm - 3 - Contraction 1 %,1.5%,2%
502 D	500 mm - 4 - Contraction 1 .2%,1.5%,1 .8%,3%
502 F	1000 mm - 4 - Contraction 1 .2%,1.5%,1 .8%,3%
503 D	500 mm - Single Contraction 2.5%
601 D	500 mm - Single Contraction 1 %
601 F	1000 mm - Single Contraction 1 %
602 D	500 mm - Single Contraction 1 .5%
602 F	1000 mm - Single Contraction 1.5%
603 D	500 mm - Single Contraction 1.8%
603 F	1000 mm - Single Contraction 1.8%
604 D	500 mm - Single Contraction 2%
604 F	1000 mm - Single Contraction 2%

Cast Iron ...1 $\frac{8}{1000}$

Steel & Brass ...1 $\frac{17}{1000}$

Aluminium ...1 $\frac{13}{1000}$

C.I. Malleable Iron ...1 $\frac{10}{1000}$

Steel (Stainless) ...1 $\frac{20}{1000}$

Manganese ...1 $\frac{25}{1000}$

CONTRACTION RULES

Contractions not listed can be supplied upon request. Listed above are contractions that apply to most metals in use today. They must not be taken too literally, but use as a guide only. Each user must judge for himself.

www.surajseenterprise.net

SIGNATURE SERIES RULES

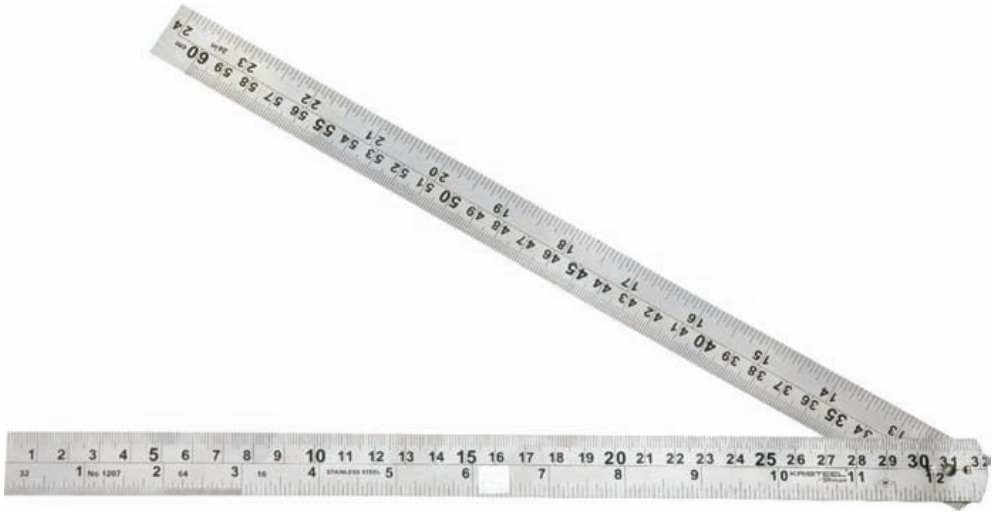
MODEL SSC

Satin Chrome Antiglare Finish. Manufactured from Hardened and Tempered Japanese Stainless Steel. Permanently marked graduations without enamel paint in graduations. Accuracy to EEC - 1 Standards, i.e. 0.2mm at 20°c for 1000 mm Rule. Calibration Certificate conforming accuracy to EEC - I International Standard (Euro Norm). Signature of Guarantee. Least count Measurement Chart. Important formula of Statistics with Charts. Area and Volume Charts. Length Conversion Table.

Model No.	Length	Width	Thickness
SSC - 12	300 mm/ 12in	30 mm	1.0 mm
SSC - 24	600 mm/24in	30 mm	1.2 mm
SSC - 36	1000 mm/ 36in	35 mm	1.5 mm

FOLDING RULES

MODEL 1204



METRIC ONLY

Top edge 1/2 mm, mm;
Bottom edge ½ mm, mm : 6 Fold

Model No.	Length	Width	Thickness	Folds
1204	1000 mm	15 mm	0.5 mm	6

www.sunriseenterprise.net

MODEL 1205, 1206, 1207, 1208, 1209,1210

Model No.	Length	Width	Thickness	Folds
1205	1000 mm/36 in	15 mm	0.5 mm	6
1206	1000 mm/36 in	15 mm	0.5 mm	4
1207	600 mm/24 in	22 mm	0.5 mm	2
1208	600 mm/24 in	12 mm	0.5 mm	6
1209	600 mm/24 in	15 mm	0.5 mm	4
1210	300 mm/12 in	12 mm	0.5 mm	3

METRIC AND ENGLISH SIX MODELS

Top edge 1/2 mm, mm;
Bottom edge 1/16ths, 1/32nds, 1/64ths,

ENGINEERING GAUGES

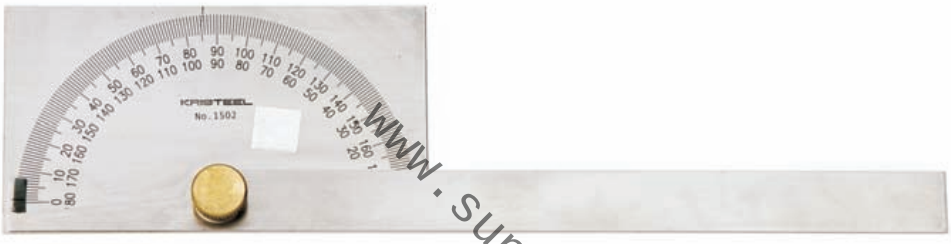
STEEL PROTRACTOR

MODEL 1501

STAINLESS STEEL DEGREE PROTRACTOR(D- HEAD)

MODEL 1502

STAINLESS STEEL DEGREE PROTECTOR (SQUARE-HEAD)



www.sunriseenterprise.net

For Machinists, Draughtsmen, layout men & other mechanics. Protractor has easy etched reading graduations from 0° to 180° on opposite directions.

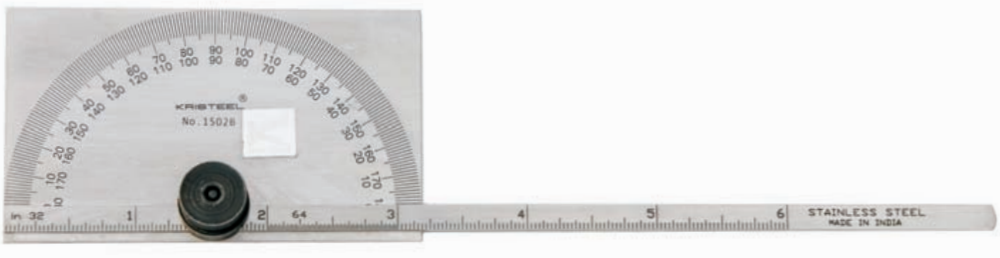
- ELEGANT DESIGN
- ACCURATE GRADUATION
- POLISHED FINISH

MODEL 1501 - A

PROTRACTOR CUM DEPTH GAUGE (D- HEAD)

MODEL 1502 - B

PROTRACTOR CUM DEPTH GAUGE (SQUARE-HEAD)



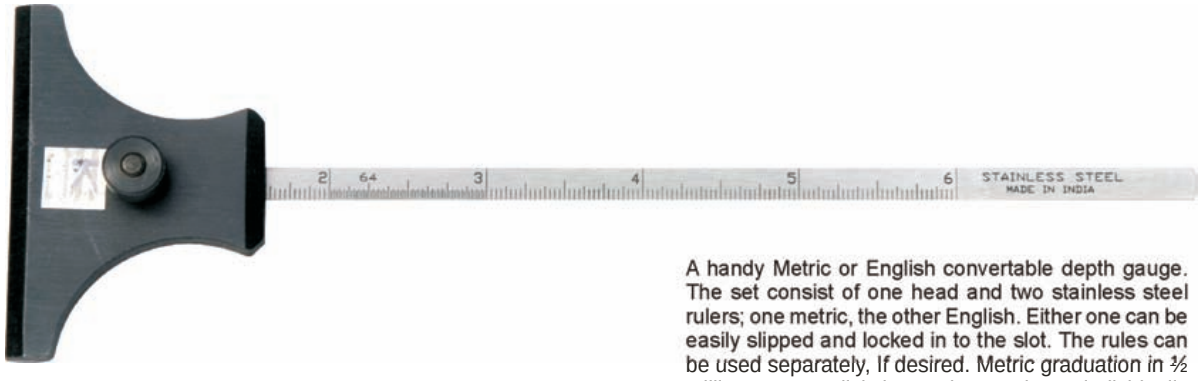
For Machinists, Draughtsmen, layout men & other mechanics. Protractor has easy etched reading graduations from 0° to 180° on opposite directions.The protractor also includes depth gauge scale for measuring the depth

- ELEGANT DESIGN
- ACCURATE GRADUATION
- POLISHED FINISHED

ENGINEERING GAUGES

MODEL 1503 DG-1

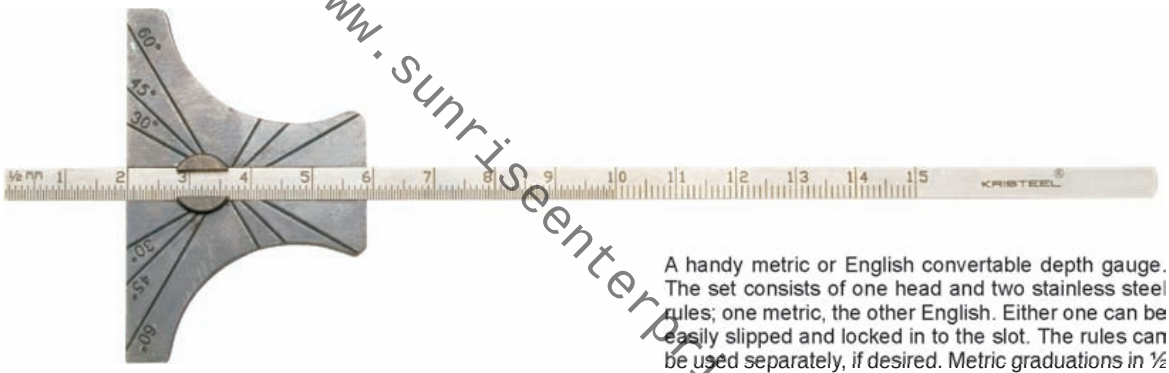
DEPTH GAUGE



A handy Metric or English convertable depth gauge. The set consist of one head and two stainless steel rulers; one metric, the other English. Either one can be easily slipped and locked in to the slot. The rules can be used separately, If desired. Metric graduation in ½ millimeters; English in 64ths. Each set individually packed in PVC covers.

MODEL 1503 DG-2

DEPTH GAUGE CUM PROTRACTOR

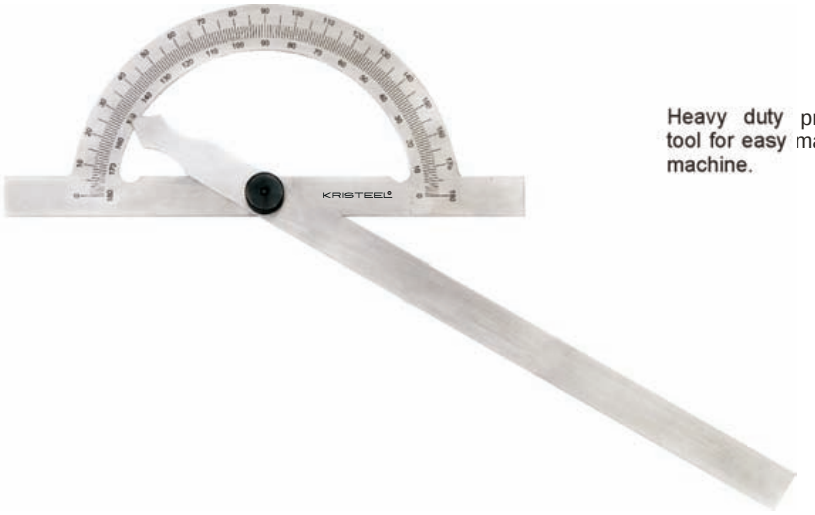


A handy metric or English convertable depth gauge. The set consists of one head and two stainless steel rules; one metric, the other English. Either one can be easily slipped and locked in to the slot. The rules can be used separately, if desired. Metric graduations in ½ millimeters, English in 64ths. Each set individually packed in PVC covers. Also engraved are the 30°, 45° and 60° angle.

www.sunriseenterprises.net

MODEL DP-HD

STAINLESS STEEL DEGREE PROTRACTOR GAUGE- HEAVY DUTY



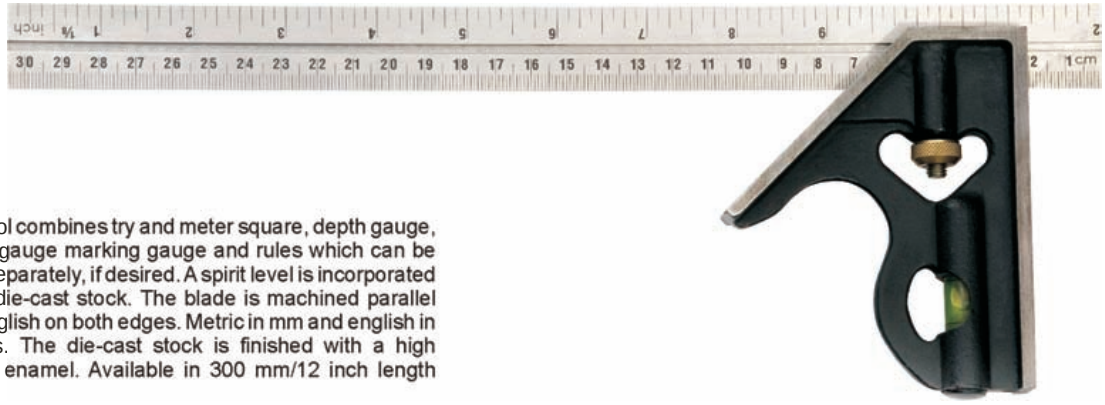
Heavy duty protractor with hollow base. Handy tool for easy marking on works piece in tool room & machine.

Model	Arm Length
DP-HD6	150 mm
DP-HD8	200 mm

ENGINEERING GAUGES

MODEL 1516 A
1516 B

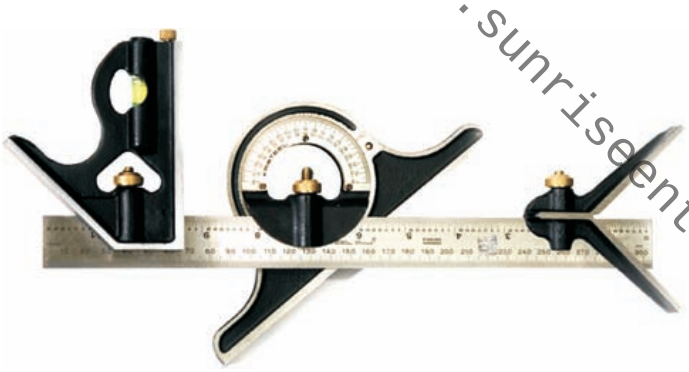
COMBINATION TRY & METER SQUARE
A - POLISH FINISH
B - HARD CHROME FINISHED



This tool combines try and meter square, depth gauge, height gauge marking gauge and rules which can be used separately, if desired. A spirit level is incorporated in the die-cast stock. The blade is machined parallel and english on both edges. Metric in mm and english in 1/16ths. The die-cast stock is finished with a high quality enamel. Available in 300 mm/12 inch length only.

MODEL 1516-C

4-PC COMBINATION TRY METER SQUARE

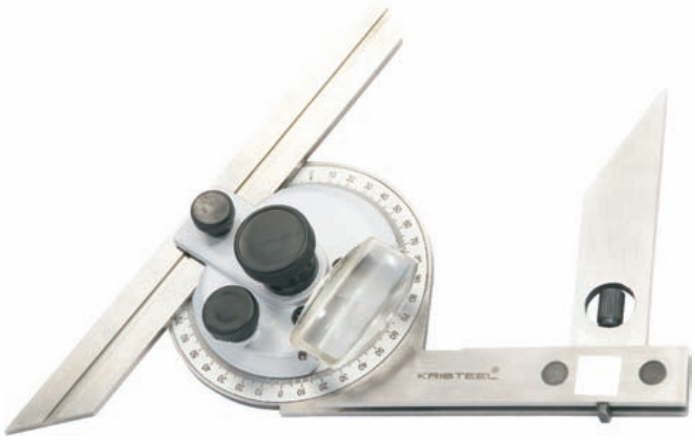


Includes Ruler 90° Head, centre Square, Prohead, Scriber, & level.
A very precisely ground product with good aesthetic appeal. This world class product comes to you in handsome attractive packing.

www.sunriseenterprise.net

MODEL UBP

UNIVERSAL BEVEL PROTECTOR



High precision angle gauge for accurate angle measurement of machines, moulds & jigs. Can be attached to height gauge. Comes with blade length of 150/300mm & with acute attachment.

ENGINEERING GAUGES

MODEL 1504- CG 3
1504- CG 4

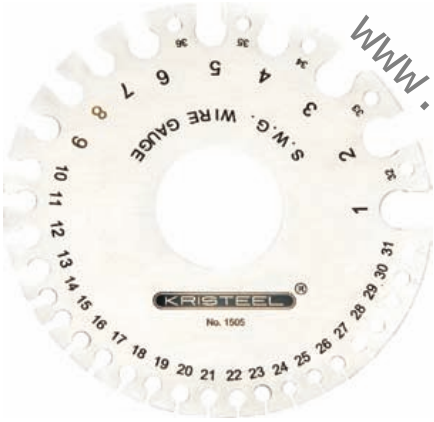
CALIPER GAUGE

A caliper gauge with Metric and English graduations. Available in brass. This is a prestige advertising gift. individually packed in PVC covers.

Model No.	Length	Remark
CG-3	80 mm/3 in	Only outside readings.
CG-4	100mm/4 in	Only outside readings.

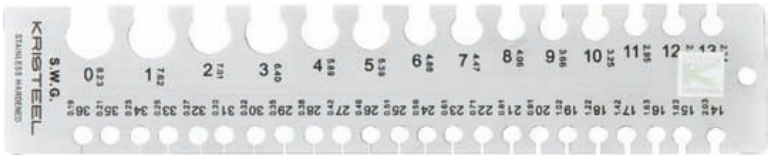
MODEL 1505

S.W.G. ROUND WIRE GAUGE



MODEL 1506

S.W.G. RECTANGULAR WIRE GAUGE



Made of Steel. Graduations in both British & Metric System
Also available in following models
SWF - wire gauge heavy duty ferrous
SWNF - wire gauge heavy duty non-ferrous

www.sunriseenterprise.net

MODEL AWG

AMERICAN WIRE GAUGE

Made of high quality stainless steel

ENGINEERING GAUGES

MODEL 1507

A- 55° CENTRE GAUGE
B - 60° CENTRE GAUGE

1 Made of Steel
2 Graduations is both British & Metric System

MODEL 1508

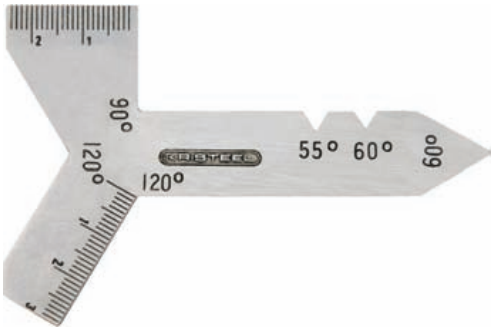
SCREW CUTTING GAUGE

Combined threading tool gauge for ACME 14 ½° and angular threads 47 ½°, 55°, 60°.

www.sunriseenterprise.net

MODEL 1509

UNIVERSAL GAUGE



The universal grinding gauge combines twist drill grinding gauge, centre gauge, hexagon and right angle 55°, 60°.

MODEL NO 1510

TWIST DRILL GAUGE

For twist drill with an acute angle of 118° upto 50 mm 2" diameter.

ENGINEERING GAUGES

MODEL 1511 A
1511 B
1511 C

BORE GAUGE

For the measuring of cylindrical bores.
Reading : 0.1 mm
Flat and not hardened

MODEL	LENGTH
1511 A	1-15 mm
1511 B	15-30 mm
1511 C	30-45 mm

MODEL 1512 A
1512 B
1512 C

RADIUS GAUGE

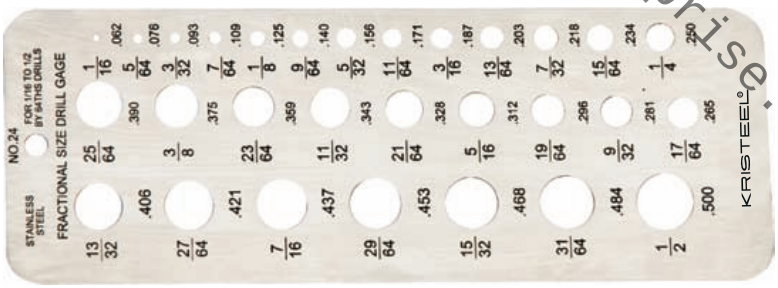
Concave and convex blades. With nickel plated case and locking screw, For the checking of sectors of circle.

No of Blades	Radius mm	Leads, mm
17	1-7	1-3 = 0.25, 3-7 = 0.5
16	7.5-15	7.5-15=0.5
20	15.5-25	15.5-25 = 0.5

www.sunriseenterprise.net

MODEL 1513

DRILL GAUGE



Hardened and finely ground.

Range	mm	1/16-1/1"
Lead	mm	1/64
Holds	no.	29

MODEL 1514

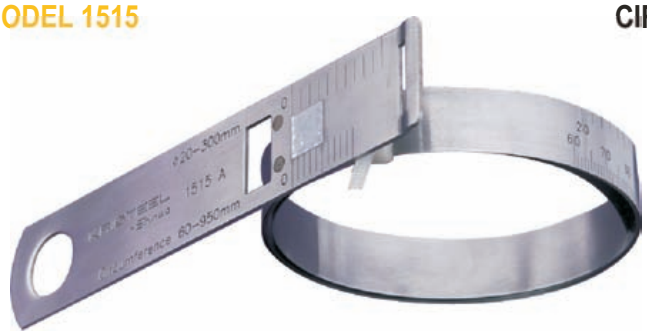
TAPER GAUGE

Length	Width	Material
165 mm	5 mm	OHNS

ENGINEERING GAUGES

MODEL 1515

CIRCUMFERENCE GAUGE



Suitable for measuring circumference and diameters of all round bodies. Graduation in mm, Reading ± 0.1 mm

	A	B	C	D	E	F	G	H
Circumference mm	60-950	940-2200	2190-3460	3450-4720	4710-5980	5970-7230	7220-8490	8480-9740
Diameter mm	20-300	300-700	700-1100	1100-1500	1500-1900	1900-2300	2300-2700	2700-3100

MODEL SL 101
SL 102

SPIRIT LEVEL

Execution : With horizontal and vertical bubble, of non deforming light-metal.

Length - 12 Inch/300mm

www.sunriseenterprises.net

MODEL ESG

ENGINEER'S SQUARE

This square is made out of steel stock and hardened blade.
The blade is fix to the stock by taper pins.
All faces are precision ground.

Model	Length	Width	Thickness
ESG - 4	100 mm/4 Inch	70 mm	1.2 mm
ESG - 6	150mm/6Inch	100 mm	1.2 mm
ESG - 8	200mm/8 Inch	130 mm	1.2 mm
ESG -12	300 mm/12 Inch	175 mm	1.2 mm

MODEL ESP

PLAIN ENGINEER'S SQUARE

Precision - squares Stainless Steel
Edges and sides extra finely ground, accurately finished.
Suitable for inspection and precision engineering.

Model	Length	Width
ESP - 4	100mm	70mm
ESP - 6	150mm	100mm
ESP - 8	200mm	130mm
ESP - 12	300mm	175mm

ENGINEERING GAUGES

MODEL BRW

BRASS ROSEWOOD SQUARES

High quality squares made of brass base with dull chrome finish ruler. A quality tool with high aesthetic appear available in size 75 mm, 150 mm, 200mm & 300mm

MODEL HG-12
HG-18
HG-24

HEIGHT GAUGE

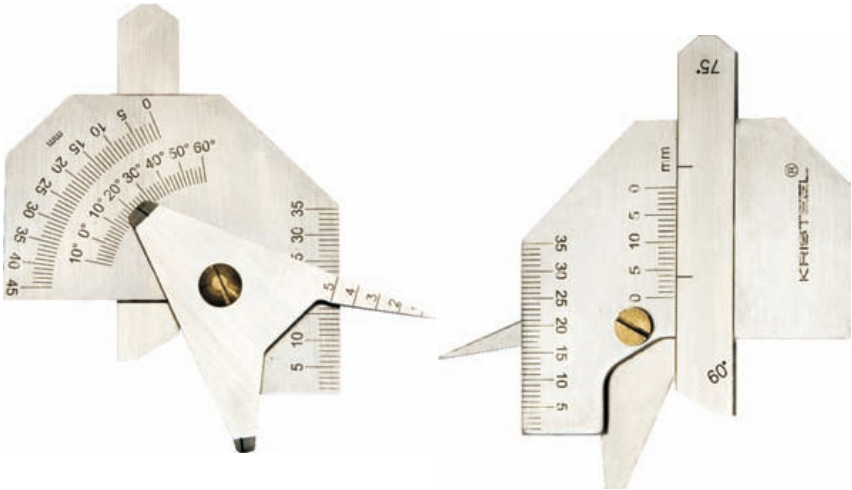
www.sunriseenterprises.net

A precise instrument for measuring & marking on work piece in tool room & Q. C. department.
The Height gauge comes to you with rich chrome plate matt finish rule and is made of high quality stainless steel available in size of 300 mm 450 mm and 600 mm, with least count of 0.02 mm.
This world class instrument comes to you in a handsome and durable packing.

Model	Length
HG - 12	300 mm
HG - 18	450mm
HG - 24	600mm

MODEL WG-A

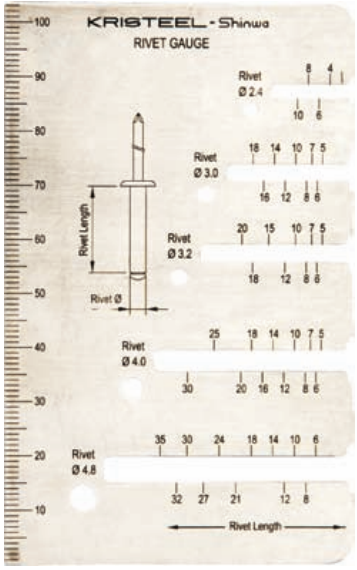
WELD FILLET GAUGE



A versatile tool for the use of welding operator. The tool can be used with ease for weld joint preparatory functions as well as for checking of the weld joint. The tool combines a bore gauge, angle gauge, depth gauge & weld height gauge. The tool is made in stainless steel with polish finish.

ENGINEERING GAUGES

MODEL RG

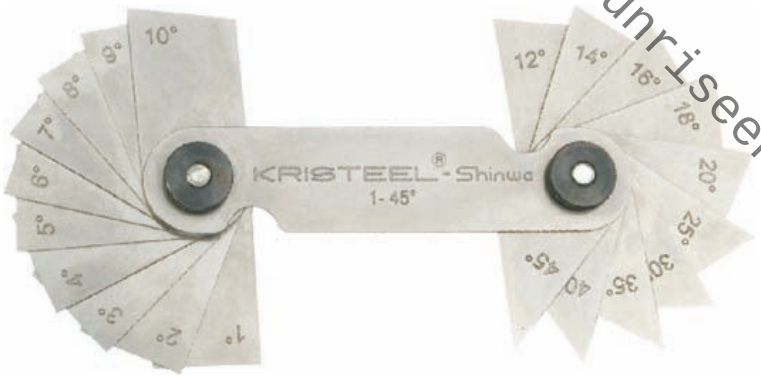


RIVET GAUGE

A very handy tool to measure length and diameter of rivet. It is made of stainless steel with polish finish. The rivet gauge is a very handy tool for an operator and a good inspection gauge for the rivet manufacturer. The gauge is available for diameter upto 5mm and length upto 35 mm.

www.sunriseenterprise.net

MODEL AG



ANGLE GAUGE

This angle gauge having 20 nos levels made in stainless steel hardened & tempered. This gauge is useful for measuring angles 1- 45° can be use for checking shaft dove - tail angle. This gauge is useful in tool room. Die makers, mould makers & woodworking industry.

MODEL FG -13

FEELER GAUGE - 13 BLADES

This gauge is used to check flatness & gap between mating parts.

Range : 0.05mm to 1.0 mm (Metric) (13 blades)
Blade length 3" and 4"

ENGINEERING GAUGES

MODEL FG -27

FEELER GAUGE - 27 BLADES

This gauge is used to check flatness & gap between mating parts.
Range : 0.001" to 0.025" (English / Metric Model)
(27 Blades)
Blade length 3" and 4"

MODEL SPG

SCREW PITCH GAUGE

This product is available in different models. Common models are the 28 leaves 4-80 pitch, 30 leaves 4-42 pitch, and 30 leaves 3.5-60 pitch-55 degrees whitworth. Narrow leaf design allows checking both external and internal threads - even in small holes not accessible with wide leaf type gauges.

www.sunriseenterprises.net

MODEL APG

ACME SCREW PITCH GAUGE

ACME screw pitch gauge is used to check thread profile of lead screws
Range : 10n To 1n (16 Blades)
n = thread per inch (TPI)

ENGINEERING GAUGES

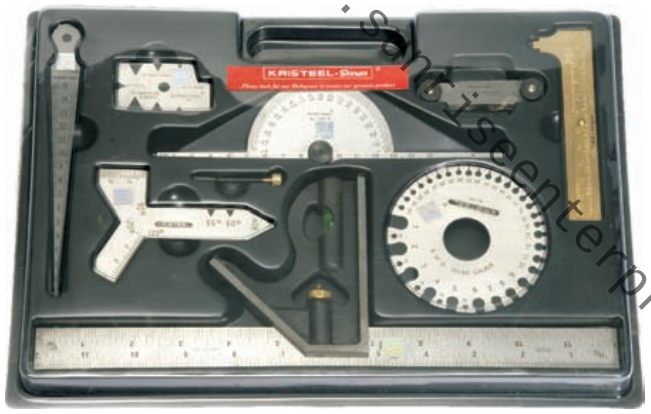
MODEL RAG

RAKE ANGLE GAUGE

Rake ange guage is used to check up the rake angle for broaches and also to set the shearing machine blade angle, It is used by all tool room operators , fabricators and to some extent by the welders for checking angles for plates having butt weld

MODEL EK 1

PRECISION ENGINEER'S KIT



www.smcisenterprise.net

The Precision kit includes handsomely packed 8 precision gauges namely - 2pc combination try & meter square, bore gauge, universal gauge, degree protractor-cum depth gauge, screw cutting gauge, radius gauge, round wire gauge and caliper gauge. The kit serves every purpose of tool room / workshop operations, right from measuring/marking thickness, angles, depth, radius, length, bore, level, diameters etc.

MODEL MSBG

METAL SLIDING BEVEL GAUGE

This metal bevel gauge the base of which is made in tool steel & the blade is made in stainless steel with hard chrome plated. This gauge can be set at any angle using master angle gauge of protractor.
The blade is adjustable that is useful to mark a long line adjustable blade rest in metal base while not in use hange safety packing this gauge is useful in toolroom die markers, & woodworking industries.

ENGINEERING GAUGES

MODEL VCC

VERNIER CALIPER COLUMBUS

Kristeel all-purpose slide calipers, sized to slip into your pocket. can make quick, accurate, inside and outside diameter measurements. This tool is well suited for use in training programs, toolroom and machine shop use and automotive use.

MODEL PC

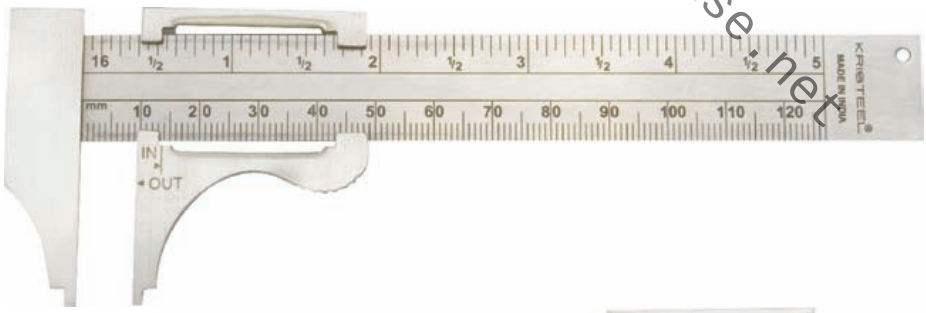
POCKET CALIPER

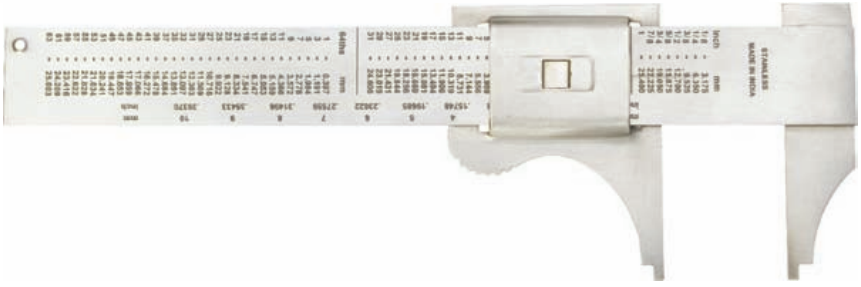
This is a stainless steel caliper with inside and outside reading in metric & inches. Decimal equivalents on back. Scale has etched and filled graduations.
Available Size : 3" .

www.sunriseenterprise.net

MODEL SC

4 INCH SLIDE CALIPER



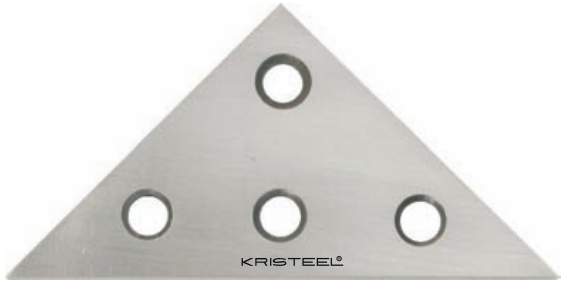


This is a stainless steel slide caliper with inside and outside readings in 16ths & 32nds. Decimal equivalents on back. Scale has etched and filled graduations.
Available Size : 4" .

ENGINEERING GAUGES

MODEL SS-A
SS-B
30°-60°-90° SET SQUARE

45°-45°-90° SET SQUARE

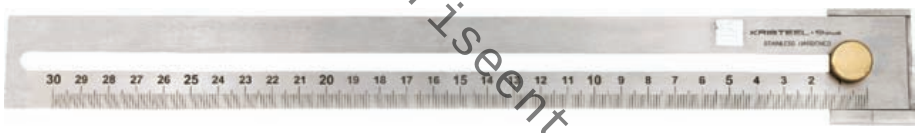


These set squares are available in two sizes i.e 30-60-90 degrees and 45-45-90 degrees. They have precision ground angles for convenient set-ups in tooling, production and inspection, holes can also be provided for easy mounting

www.sunriseenterprises.net

MODEL MG

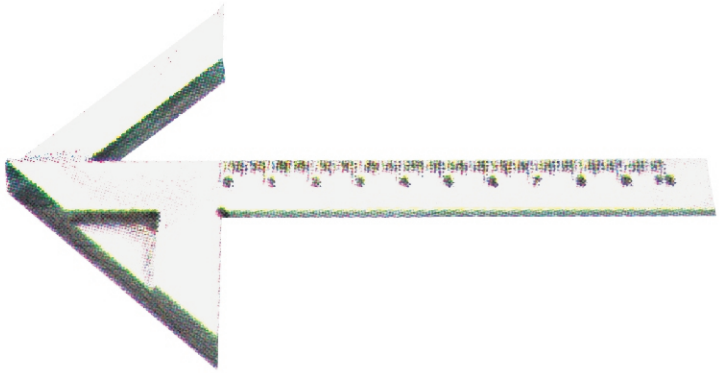
MARKING GAUGE



Marking Gauge is used for marking on steel/wooden plates ec. It has a stopper which starts from the zero graduation. It is provided with a knob arrangement which can be locked to precisely check a certain linear measurement.

MODEL CS

CENTRE SQUARE

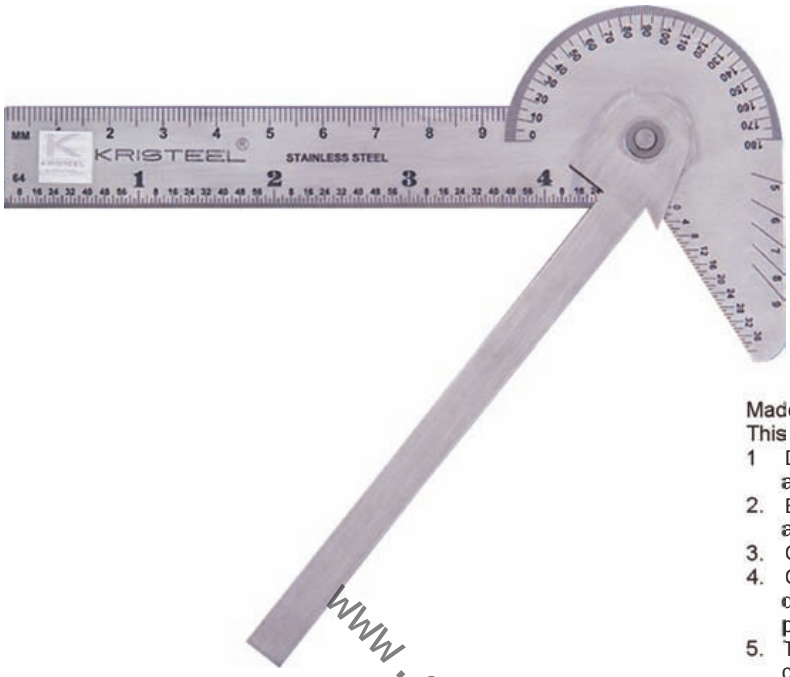


Centre Square: Made of special steel. Used for marking the centre of any round object.

ENGINEERING GAUGES

MODEL MURG

MULTI USE RULE & GAUGE



Made of long- wearing stainless steel.
This gauge is used for five distinct functions

1. Drill Point gauge is used for checking 59 degree angle drill points.
2. Bevel Protractor is used for measuring and laying out angles.
3. Centre finder locates centres of shafts or circles.
4. Circle divider(upto nine equal parts)is used for dividing circle into sectors, regular polygon an polygrams.
5. Tap and drill table shows popular tap sizes with correct drill sizes for National form of thread .

Available Size: 4"

www.sunriseenterprise.net

MODEL HAG

HAIR GAUGE

This gauge is used for measuring the precise amount of hair needed tying a given hank. Made of stainless steel with slit and a graduation scale, upon which individual settings can be marked.

MODEL TDG-B

TYRE DEPTH GAUGE - BRASS

Made of Brass.
Available Size: 30mm

MODEL 1211 — 600 MM FOLDING RULE WITH ANGLE CALCULATION CHORD

This 600mm folding rule is made of hardened & tempered stainless steel material and incorporates a scale from 0° to 120° in increments of ½°Two Center Dots are provided, one on each blade and with the aid of dividers, the ruler can be set at any angle, or an existing angle can be determined with the line of chords. The circumference scale indicates the circumference by measuring the diameter. it also has Sub Divided mm and Line of Chord Scale on one side. On the other side Sub Divided mm and a Circumference Scale in mm is provided. Each Rule is packed in PVC pouch with instruction Leaflet.

www.sunriseenterprise.net

MODEL STTG-29° — 29° SCREW THREAD TOOL GAUGE

This Hard Chrome Plated Guage is used to measure the ACME Threads for setting of cutting tool. This gauge is used to set the quick change gearbox to required number of threads per inch & also to set Compound rest 14.5° to the right. (half the included thread angle.)

Range: 1 to 10 TPI. (14 sizes)

MODEL AGCG — 60-120 DEGREE COUNTERSINK ANGLE GAUGE

The Gauge is made of hardened & tempered stainless steel material 1 mm thick. These high accurate angles are useful to check Counter Holes Angle. Each guage is packed in PVC pouch.

Range: 60°, 82°, 90°, 100°, 110°, 120°
Accuracy is within 15 minutes

MODEL SEFGH — SINGLE END FEELER GAUGE HOLDER

This nickle plated feeler gauge holder provides a convenient means of holding a single feeler strip or leaves of thickness (feeler) gauge. The camlock gripping permits every bit of stock to be used . Double end model can also be made available which can be used to hold GO & NOGO thickness gauges.

Range: 0.025 to 0.635 mm thick feeler gauge can be held, gauge blade width upto 12.7 mm. (0.5")

MODEL GTPG / GTPG- M — GEAR TOOTH PITCH GAUGE

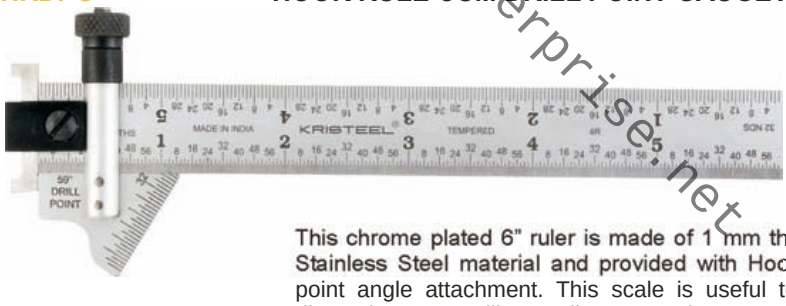
This gauge is made of hardened & tempered stainless steel material 0.5 mm thickness. This is a very handy tool used to measure the Gear Diametrical Pitch for 14.5° pressure angle (Tooth profile - Involute type) This gauge has 14 Blades duly fine edge profiled, Numbered pitch sizes are mentioned on each blade. it is very useful gauge for all gear manufacturers for inspection purpose. it is packed in a plastic box with gear data sheet (DP, CP, Tooth Thickness Data) provided for instant reference.

Range: 6 to 80 DP. (22 Pitches)

Available in :-
1) Diametral Pitch
2) Metric Module Pitch (At 20° Pressure Angle)

www.sunriseenterprise.net

MODEL HRDPG — HOOK RULE CUM DRILL POINT GAUGE ASSEMBLY



This chrome plated 6" ruler is made of 1 mm thick hardened and Tempered Stainless Steel material and provided with Hook Rule Attachment and drill point angle attachment. This scale is useful to check any external outer dimension 0" to 6" like a caliper. It can be separately used as a hook rule and also to check drill point angle of 118°. Drill Cutting length upto 5" can also be checked. it can be used as a fixed snap gauge for checking outer dimensions. if required hook rule attachment can be removed by loosening the eccentric screw. Metric graduated rule can also be made available.

MODEL DCTSG — DELUXE CNC TOOL SETTING GAUGE WITH ANGLE SCALE

This gauge is made of aluminum material. It Accurately sets Turning, Boring & Facing Tools on the Centerline of the work piece. All edges of the Tools Setting Gauge V- body are accurately machined and may be used for vial calibration to suit your intended use. The Vial body may be positioned on either side of the V-body for easier use in different applications. This tool is also used to set up grinding wheel on centerline of tooth rest for cutter grinding. It is also used to set table stops on horizontal mills. The gauges can be used to set the bed at different angles. (0° to 60° in increments of 15°)

ENGINEERING GAUGES

MODEL CTSG

CNC TOOL SETTING GAUGE

This gauge is made of aluminum material. It Accurately sets Turning, Boring & Facing Tools on the Centerline of the work piece. All edges of the Tool Setting Gauge V-body are accurately machined and may be used for vial calibration to suit your intended use. The Vial body may be positioned on either side of the V-body for easier use in different applications. This tool is also used to set up grinding wheel on centerline of tooth rest for cutter grinding. It is also used to Set table stops on horizontal mills.

MODEL TDG-S

TYRE DEPTH GAUGE

This new model is made of hardened and tempered stainless steel material in polish finish. It measures thread depth of tyres. The plastic sliding knob holds the vernier scale at any point. It is enough tight to avoid self sliding. Each gauge is packed in PVC pouch.

Range upto 54 mm.
Least Count: 0.1 mm.

www.sunriseenterprise.net

MODEL PSIZER

PIPE SIZER

Tool that instantly determines the exact size of various types of pipes. It can be used on ABS, PVC, & STEEL PIPES. The pipe sizer has seven blades each measuring a specific pipe size. This ergonomically designed gauge can be used as drilling template. A handy and user friendly tool for Plumbing Contractors, Electrical Contractors, Building Inspectors, Plant Maintenance, etc.

For additional models of circumference / diameter gauges please turn to page 2/7.

ENGINEERING GAUGES

MODEL CFA

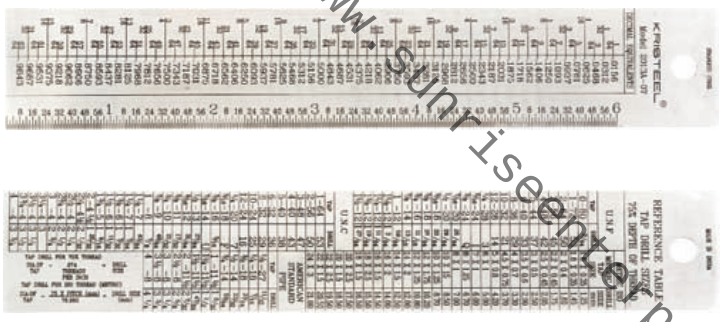
CENTER FINDER ASSEMBLY

This Hard Chrome Plated Setting gauge is useful in Workshop for Drilling on round bar or pipe exactly at the Center of the work piece. The shank of 9.5mm dia & the flexible bracket makes the gauge more user friendly & easy to use.

Range: upto 6" Dia Shaft.

MODEL RTR

REFERENCE TABLE WITH RULE



This is a Handy Reference Table cum 6" English Graduation Scale in which you can get quick Reference (size 32x180x1.Omm) for United Nation Coarse & fine threads Drill sizes. You can also measure Drill sizes for ISO metric threads or American pipe threads. This is also useful for quick reference from fraction to decimai conversions.

Least Count: 1/64".

www.sunriseenterprise.net

MODEL 1512-26L

RADIUS GAUGE 26 PC SET (0.5MM TO 13 MM)

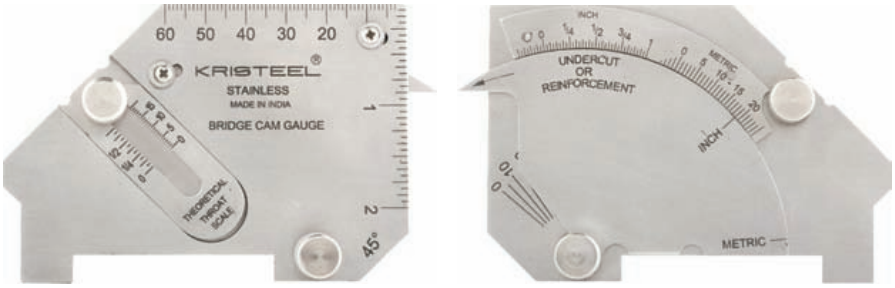
This set is mainly used to check the radius of concave and convex portion of any radial part. This gauge is useful in workshops, general purpose, tool and die makers, woodworking industries, quality department etc. The gauge is packed in PVC pouch with brass handle to hold the leaf while checking. The accuracy of the product is equivalent to international standards.

For additional models of radius gauge please turn to page 2/6.

Range: 0.5 mm to 13 mm- 26 leaves. (Incremental of 0.5 mm)

MODEL BCWG

BRIDGE CAM TYPE WELD GAUGE



This rugged gauge is fabricated in stainless steel used to measure the important Dimensions of weld preparations & of completed Butt and fillet welds. It is intended for general fabrication work in the shop or on-site. It rapidly measures Angle preparation (0° to 60°), Excess weld metal, Fillet weld leg length, Throat length, Misalignment & hole sizes for butt weld, butt-weld reinforcement, General Linear Measurement upto 60mm or 2 inches- Scales are graduated in metric units & supplied in a preventive case with instruction leaflet.

For additional models of weld gauge please turn to page 2/8.

www.sunriseenterprise.net

MODEL ATWG

AUTOMATIC WELD GAUGE

This rugged gauge fabricated in stainless steel, will measure the important dimensions of weld preparations & of completed butt and fillet welds. It is intended for general fabrication work in the shop or on-site and rapidly measures weld features like tolerance of convexity, tolerance of reinforcement, concavity and underfil, to determine size of fillet weld. The scales are graduated in metric units, It is packed in a protective case & an instruction leaflet is provided.

MODEL LTWFG

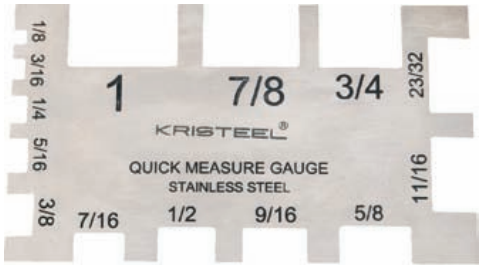
LEAF TYPE WELD FILLET GAUGE (7LEAVES)

This rugged gauge is fabricated in stainless steel & allows fast, accurate measurement of 11 fillet weld sizes: 1/8, 3/16, 1/4, 5/16, 3/8, 7/16'/$_2$, 5/8, 3/4, 7/8, and 1" and their metric equivalent. Also used to determine weld size, either concave or convex. Each blade is made of 1.25" x 4" cold rolled stainless steel to resist rust and bending. The blades are deburred to remove rough edges. The set of seven blades is packed in a handy 2" x 2.5" pocket case with the user manual attached for easy reference.

ENGINEERING GAUGES

MODEL STG

SPINDLE TURNER'S GAUGE



This Polish Finish rugged gauge is made of stainless steel material 0.8mm thick- This gauge is useful to spindle turner & Wood workers for turning a workpiece to the desired diameter, from 1/8" to 1". Wood workers will find many uses for the gauge such as measuring the thickness of wood and plywood, checking the size of a Tenon and Dadocut or sizing commercial Dowels. Each gauge is packed with printed card in Blister.

Range: 1/8" to 1"

MODEL AG-18 PC

ANGLE GAUGE - 5° TO 90° (18 PC SET)

www.sunriseenterprise.net

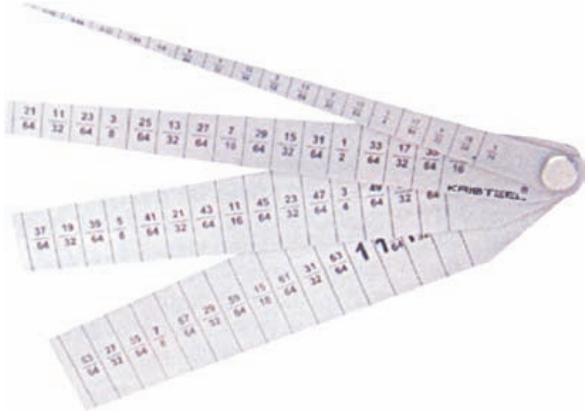
This gauge is made of hardened and tempered stainless steel material having a range of 5° to 90° incremental of 5° (total 18 leaves). This gauge can be used to check internal & external angles of any machined part to check dovetail angle of shafts. It is one of the most useful gauges for general purpose fabrication workshop. Tool & Die makers, wood working industry and the quality assurance department to compare angle of any part. All 18 leaves are packed in PVC Pouch.

Range: 5° to 90° - Incremental of 5° (18 Leaves)

Available Models
5° to 90° (18 Individual Leaves)
1° to 45° (20 Individual Leaves)

MODEL 1511 D

BORE GAUGE (4 LEAF)



This Bore Gauge has 4 blades each marked with graduation of range 1/16" to 1 1/16". The gauge is used to measure internal bore diameter of cylindrical objects.

For additional models of bore gauge please turn to page 2/6.

Lease count: 1/64"

How to identify Genuine Kristeel Products

Beware! You may find Kristeel look alikes in the market being sold at cheaper than market prices. A dealer may even fool you into believing that the cheap price is due to a discount offered by the company.

The next time you encounter such an offer, ascertain its genuinity.
Here's how you can do it.

To identify an original Kristeel product, check for the following:

Seal / Sticker on the flap.

Permanent, non peeling D hologram on each product.

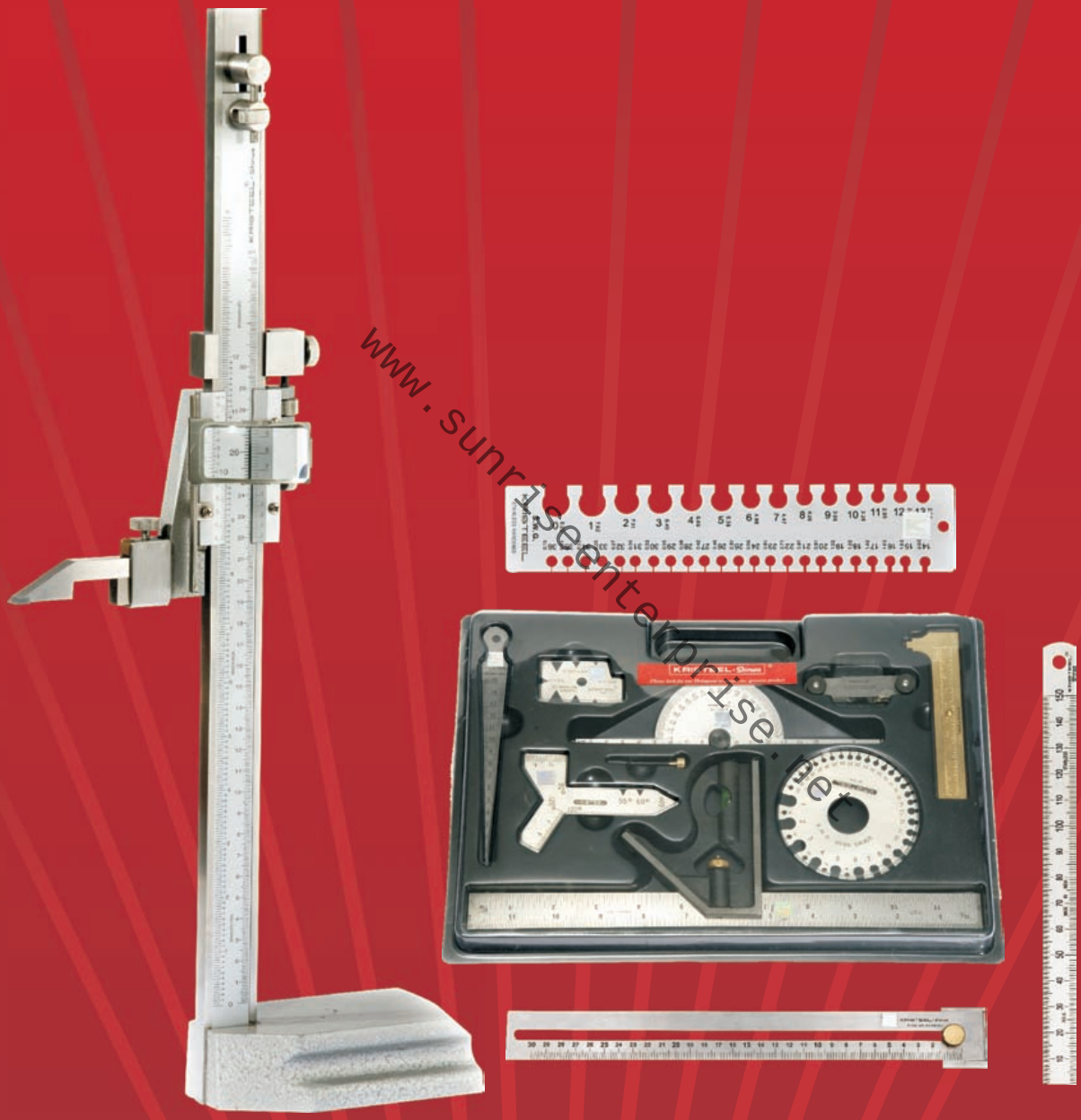
Smooth edges

Conversion table attached on the reverse

www.surtisenterprise.net

A little prudence will therefore enable you to identify an original Kristeel product from a poor quality duplicate. And ensure that in the lure of a bargain, you do not end up spending much much more. Think of what a cheaper, poor quality measuring tool can lead to. Frequent breakdowns, loss of vital man and machine hours, delay in production leading to delay in delivery, cancelled orders and lowering of Company image.

So be prudent, Be alert. And don't get fooled!



www.sunriseenterprise.net

Corporate Office:
Krislon House, Saki Vihar Road, Saki Naka, Andheri (East), Mumbai - 400 072. INDIA
Tel. : 0091-22-4225 6666 / 6613 / 6614 • Fax : 0091-22-4225 6690
E-mail : sales@kristeel.com • Visit us at : http://www.kristeel.com

Registered Office:
615, Churchgate Chambers, 5 New Marine Lines, Mumbai - 400 020. INDIA